

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses to obtain an ordered set of satellite positioning system (SPS) satellites, in view of a mobile SPS receiver, via one or two-way communication with the mobile SPS receiver. The mobile SPS receiver receives, in one embodiment, an ordered set of SPS satellites from a cellular transmission site. The ordered set of satellites are those in view of the mobile SPS receiver at a given time; such that the mobile SPS receiver may search for the SPS satellites according to an order of the ordered set of SPS satellites. The order of the ordered set may be obtained by various methods one of which is by minimizing the geometric dilution of precision (GDOP). Satellite health data may be included in the transmission.